

Title (en)
CONNECTOR

Title (de)
VERBINDER

Title (fr)
RACCORD

Publication
EP 3055490 A2 20160817 (EN)

Application
EP 14781655 A 20141007

Priority
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Abstract (en)
[origin: WO2015052500A2] A connection arrangement for use in establishing a connection with an object comprises a body and a connection member comprising a plurality of dogs each pivotally arranged relative to the body about a pivot axis and including an engagement feature, wherein the dogs are pivotal between an engaged configuration in which the engagement feature is engaged with the object to provide a connection thereto, and a disengaged configuration in which the engagement feature is disengaged from the object. The connection arrangement further includes an actuator member, wherein the dogs and actuator member define a pair of complementary actuation surfaces which cooperate when the actuator member moves from a first to a second direction to cause the plurality of dogs to pivot from the engaged configuration towards the disengaged configuration. A first actuation surface on the actuator member includes a first cam and a second cam which are in continuous contact with a second actuation surface on the plurality of dogs. Three points of contact between each dog, its respective pivot axis and the first and second cams, are formed and arranged to fix the position of each dog relative to a given position of the actuator member, at least until the engagement feature has engaged with the object.

IPC 8 full level
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CPC (source: EP US)
E21B 33/038 (2013.01 - EP US); **F16L 1/26** (2013.01 - EP US); **F16L 37/62** (2013.01 - EP US)

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